

**ATTORNEY DOCKET NO.: 0079571-0094 (BU82)**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Collins, *et al.* Examiner:  
Serial No.: 10/535,128 Art Unit:  
Filing Date: May 16, 2005  
Title: CIS/TRANS RIBOREGULATORS

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION**  
**(37 CFR § 3.73(b))**

The inventors of the above-referenced United States patent application have assigned their entire right, title, and interest in the inventions disclosed therein according to the following table:

<b>Inventor</b>	<b>Assignee</b>
James J. Collins	Trustees of Boston University
Farren J. Isaacs	Trustees of Boston University
Daniel J. Dwyer	Trustees of Boston University
Charles R. Cantor	Trustees of Boston University

Thus, the Assignees of the inventors' entire right, title, and interest are:

**TRUSTEES OF BOSTON UNIVERSITY**

According to 37 CFR § 3.73(b), the Assignee is entitled to take action relating to the application in the Patent and Trademark Office if the Assignee establishes ownership to the satisfaction of the Commissioner.

Ownership by the assignee is established as follows:

\_\_\_\_\_ documents already recorded in the PTO on \_\_\_\_\_.

Reel \_\_\_\_\_ Frame \_\_\_\_\_; and

X documents separately submitted for recordal to the PTO (a copy of these documents is attached).

### STATEMENT

I, person(s) authorized to sign on behalf of the Assignee, have reviewed the evidentiary documents referred to above and certify that, to the best of my knowledge and belief, title is mine/ours as Assignee who seeks to take further action.

Name/Title	Assignee	Date
Signature: <u>J. Stanford Willie</u> Name: <u>J. Stanford Willie</u> Title: <u>Assistant Treasurer</u>	<b>Trustees of Boston University</b>	<u>11/17/05</u>

## ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned **James J. Collins of Newton, MA, Farren J. Isaacs of Brookline, MA, Daniel J. Dwyer of Brookline, MA and Charles R. Cantor of Del Mar, CA**, hereby


Sell, assign and transfer to **Trustees of Boston University**, having a place of business at **One Sherborn Street, Boston, MA 02215**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, their entire right, title and interest for the United States and all foreign countries; in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled "**CIS/TRANS RIBOREGULATORS**" filed **May 16, 2005**, and given serial number **10/535,128**, in and to said application and all divisional, continuing, substitute, renewal, reissue, reexamination or other application for Letters Patent which has been or shall be filed in the United States or any foreign country on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name and when requested, without charge to but at the expense of said ASSIGNEE, agrees to carry out in good faith the intent and purpose of this Assignment by executing all divisional, continuing, substitute, renewal, reissue, reexamination and all other patent applications on any and all said inventions; by executing all rightful declarations, oaths, assignments and other papers; by communicating to said ASSIGNEE all facts known to them relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE. Each of the undersigned also hereby appoints ASSIGNEE as its common agent for purposes of prosecuting international patent applications and any material patent applications for which such common agency is recognized.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

Covenant with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by them, and that full right to convey the same as herein expressed is possessed by them.

IN WITNESS WHEREOF, I hereto set my hand and seal at 44 Cummins St.,  
Boston, MA this 30 day of Nov, 2005.

  
James J. Collins

CV  
STATE OF MASS  
COUNTY OF Suffolk SS.

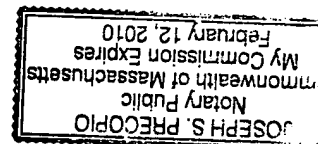
Before me this 30 day of Nov, 2005, personally appeared  
**James J. Collins** known to me to be the person whose name is subscribed to the foregoing  
Assignment and acknowledged that he executed the same as his free act and deed for the  
purposes therein contained.

  
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

2/12/10



IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
\_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
**Farren J. Isaacs**

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ SS.

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2005, personally appeared  
**Farren J. Isaacs** known to me to be the person whose name is subscribed to the foregoing  
Assignment and acknowledged that he executed the same as his free act and deed for the  
purposes therein contained.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

Serial No.: 10/535,128  
4006922\_1.DOC

Attorney Docket No.: 0079571-0094  
BU-82

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
\_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
**Daniel J. Dwyer**

STATE OF \_\_\_\_\_  
SS.  
COUNTY OF \_\_\_\_\_

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2005, personally appeared  
**Daniel J. Dwyer** known to me to be the person whose name is subscribed to the foregoing  
Assignment and acknowledged that he executed the same as his free act and deed for the  
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NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
\_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
**Charles R. Cantor**

STATE OF \_\_\_\_\_  
SS.  
COUNTY OF \_\_\_\_\_

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2005, personally appeared  
**Charles R. Cantor** known to me to be the person whose name is subscribed to the foregoing  
Assignment and acknowledged that he executed the same as his free act and deed for the  
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NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

## ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned **James J. Collins of Newton, MA, Farren J. Isaacs of Brookline, MA, Daniel J. Dwyer of Watertown, MA and Charles R. Cantor of Del Mar, CA**, hereby

Sell, assign and transfer to **Trustees of Boston University**, having a place of business at **One Sherborn Street, Boston, MA 02215**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, their entire right, title and interest for the United States and all foreign countries; in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled "**CIS/TRANS RIBOREGULATORS**" filed **May 16, 2005**, and given serial number **10/535,128**, in and to said application and all divisional, continuing, substitute, renewal, reissue, reexamination or other application for Letters Patent which has been or shall be filed in the United States or any foreign country on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name and when requested, without charge to but at the expense of said ASSIGNEE, agrees to carry out in good faith the intent and purpose of this Assignment by executing all divisional, continuing, substitute, renewal, reissue, reexamination and all other patent applications on any and all said inventions; by executing all rightful declarations, oaths, assignments and other papers; by communicating to said ASSIGNEE all facts known to them relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE. Each of the undersigned also hereby appoints ASSIGNEE as its common agent for purposes of prosecuting international patent applications and any material patent applications for which such common agency is recognized.

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Covenant with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by them, and that full right to convey the same as herein expressed is possessed by them.

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
\_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
**James J. Collins**

STATE OF \_\_\_\_\_  
SS.

COUNTY OF \_\_\_\_\_

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2006, personally appeared  
**James J. Collins** known to me to be the person whose name is subscribed to the foregoing  
Assignment and acknowledged that he executed the same as his free act and deed for the  
purposes therein contained.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at Boston,  
MA this 20 day of April, 2006.

\_\_\_\_\_  
**Farren J. Isaacs**

STATE OF MA  
COUNTY OF Suffolk SS.

**AIDA A. GHOBRIAL**  
NOTARY PUBLIC  
Commonwealth of Massachusetts  
My Commission Expires March 17 2011

Before me this 20 day of 04, 2006, personally appeared  
**Farren J. Isaacs** known to me to be the person whose name is subscribed to the foregoing  
Assignment and acknowledged that he executed the same as his free act and deed for the  
purposes therein contained.

NOTARY PUBLIC Aida

My Commission Expires: 03 / 2011

[Notary's Seal Here]

Serial No.: 10/535,128  
4006922\_1.DOC

Attorney Docket No.: 0079571-0094  
BU-82

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
\_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
**Daniel J. Dwyer**

STATE OF \_\_\_\_\_

SS.

COUNTY OF \_\_\_\_\_

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2006, personally appeared  
**Daniel J. Dwyer** known to me to be the person whose name is subscribed to the foregoing  
Assignment and acknowledged that he executed the same as his free act and deed for the  
purposes therein contained.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
\_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
**Charles R. Cantor**

STATE OF \_\_\_\_\_

SS.

COUNTY OF \_\_\_\_\_

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2006, personally appeared  
**Charles R. Cantor** known to me to be the person whose name is subscribed to the foregoing  
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NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:



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IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
\_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
**James J. Collins**

STATE OF \_\_\_\_\_  
SS.

COUNTY OF \_\_\_\_\_

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2005, personally appeared  
**James J. Collins** known to me to be the person whose name is subscribed to the foregoing  
Assignment and acknowledged that he executed the same as his free act and deed for the  
purposes therein contained.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
\_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
**Farren J. Isaacs**

STATE OF \_\_\_\_\_  
SS.

COUNTY OF \_\_\_\_\_

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2005, personally appeared  
**Farren J. Isaacs** known to me to be the person whose name is subscribed to the foregoing  
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purposes therein contained.

NOTARY PUBLIC

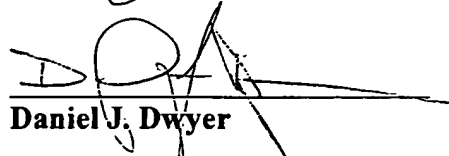
[Notary's Seal Here]

My Commission Expires:

Serial No.: 10/535,128  
4006922\_1.DOC

Attorney Docket No.: 0079571-0094  
BU-82

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
this 31<sup>st</sup> day of January, 2006.

  
Daniel J. Dwyer

STATE OF Massachusetts SS.  
COUNTY OF Suffolk

Before me this 31 day of January, 2006, personally appeared  
**Daniel J. Dwyer** known to me to be the person whose name is subscribed to the foregoing  
Assignment and acknowledged that he executed the same as his free act and deed for the  
purposes therein contained.

  
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:



**MAUREEN S. DWYER**  
NOTARY PUBLIC  
COMMONWEALTH OF MASSACHUSETTS  
MY COMMISSION EXPIRES JUNE 30, 2011

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
**Charles R. Cantor**

STATE OF \_\_\_\_\_ SS.  
COUNTY OF \_\_\_\_\_

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NOTARY PUBLIC

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\_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
**James J. Collins**

STATE OF \_\_\_\_\_  
SS.

COUNTY OF \_\_\_\_\_

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**James J. Collins** known to me to be the person whose name is subscribed to the foregoing  
Assignment and acknowledged that he executed the same as his free act and deed for the  
purposes therein contained.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
\_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
**Farren J. Isaacs**

STATE OF \_\_\_\_\_  
SS.

COUNTY OF \_\_\_\_\_

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2005, personally appeared  
**Farren J. Isaacs** known to me to be the person whose name is subscribed to the foregoing  
Assignment and acknowledged that he executed the same as his free act and deed for the  
purposes therein contained.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

Serial No.: 10/535,128  
Assignment (6).DOC

Attorney Docket No.: 0079571-0094  
BU-82

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Daniel J. Dwyer

STATE OF \_\_\_\_\_  
SS.  
COUNTY OF \_\_\_\_\_

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2005, personally appeared  
**Daniel J. Dwyer** known to me to be the person whose name is subscribed to the foregoing  
Assignment and acknowledged that he executed the same as his free act and deed for the  
purposes therein contained.

NOTARY PUBLIC

[Notary's Seal Here]

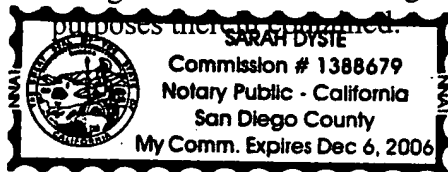
My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
this 30<sup>th</sup> day of January, 2006.

Charles R. Cantor

STATE OF California  
SS.  
COUNTY OF San Diego

Before me this 30<sup>th</sup> day of January, 2006, personally appeared  
**Charles R. Cantor** known to me to be the person whose name is subscribed to the foregoing  
Assignment and acknowledged that he executed the same as his free act and deed for the



[Notary's Seal Here]

Sarah Dystie  
NOTARY PUBLIC

My Commission Expires: